

U.S. 1 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

SPECIAL NOTE

ROADWAY CONTRACTOR SHALL AVOID DISTURBANCE OF EXISTING CONDUIT
WITH INTERCONNECT CABLE FROM SOUTH DURING CONSTRUCTION.

FRANKS NURSERY

RIGHT-OF-WAY LINE

RIGHT-OF-WAY LINE

U.S. RTE. 1 N.B. →

196+00 +50 197+00 +50

SEE SPECIAL NOTE

SEE SPECIAL NOTE

CONSTRUCTION DETAILS

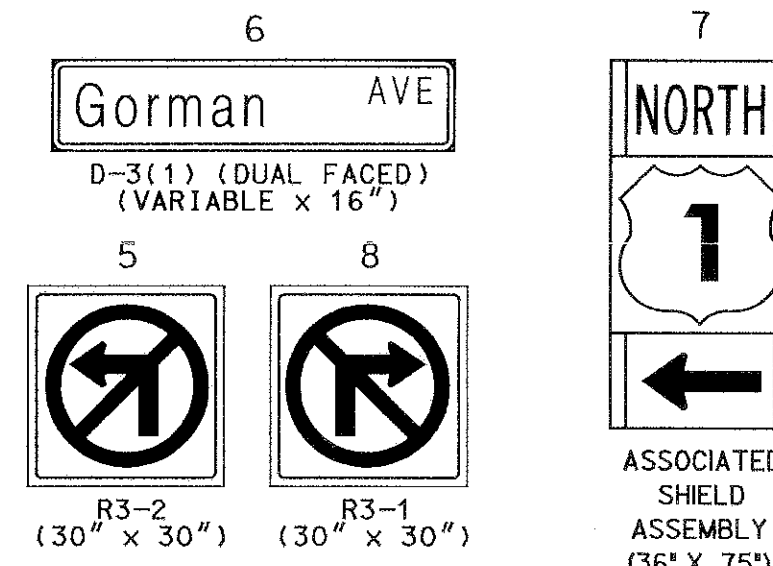
- INSTALL 27 FT. STEEL MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, OPTICOM DETECTOR EYE, SIGNS, POLE MOUNTED CABINET AND CONTROLLER, CONTROL AND DISTRIBUTION EQUIPMENT, 3 FT. X 4 FT. X 4 IN. CONCRETE PAD AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
- INSTALL HANDHOLE.
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
- ABANDON EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.
- REMOVE EXISTING STEEL POLE, SALVAGE AND DELIVER POLE MOUNTED CABINET AND CONTROLLER TO MSHA. REMOVE AND DISPOSE OF EXISTING FOUNDATION 12 IN. BELOW GRADE.
- INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
- PROPOSED OVERHEAD ELECTRICAL SERVICE.
- USE EXISTING HANDHOLE. ADJUST HANDHOLE TO FINAL GRADE AS DIRECTED BY THE ENGINEER.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN EXISTING BASE).
- INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (CROSSWALK).

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	— A —
ELECTRICAL	— E —
TELEPHONE	— T —
GAS	— G —
SEWER	— S —
WATER	— W —
CABLE TV	— TV —

WR&A
Whitman, Reardon
and Associates, LLP
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

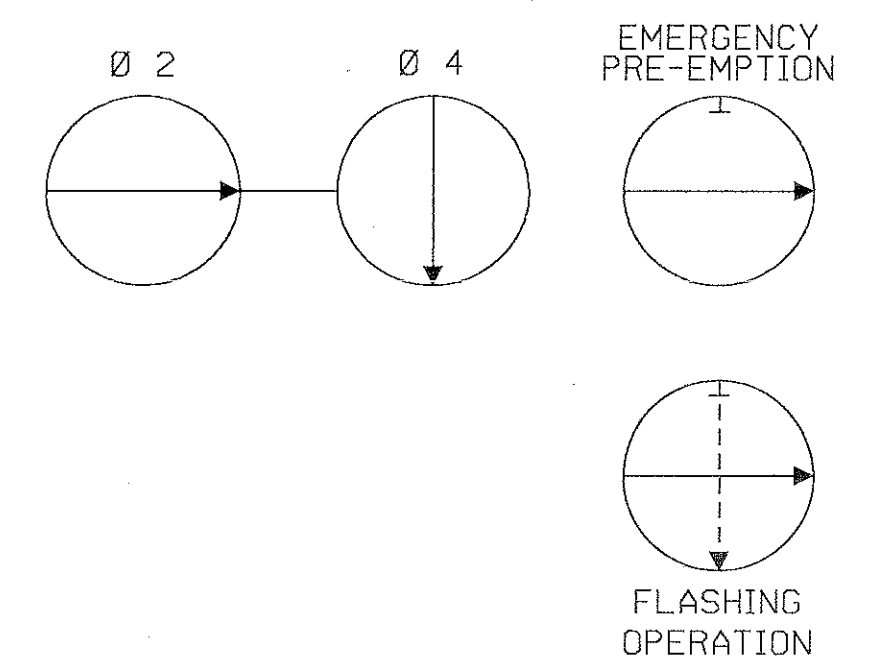
SIGNS



SIGNAL HEADS

1-4
R
Y
G
12"

NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

GENERAL NOTES

- CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO INSTALLATION OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
- VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL MARKING AND SIGNING DETAILS.
- ALL POLE AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS DUE TO THE INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT.
- THE CABINET AND CONTROLLER SHALL BE DELIVERED TO SHA AT 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.
- REMOVE AND DISPOSE ALL UNUSED SIGNAL CABLE FROM EXISTING CONDUIT.

TSP-14



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
U.S. 1 N.B. AND MD 198 E.B. (GORMAN AVE.)

DRAWN BY: G. COOK	F.A.P. NO. P-586-501-385	TS NO. TS-16338	SHEET NO. 126 OF 162
CHECKED BY: W. GUCKERT	S.H.A. NO. PRINCE GEORGE'S	T.I.M.S. NO. 16000113.60	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S	LOG MILE: 16000113.60	
DATE: 7-26-72			